

**New 1-(4-amino-benzyl)-pyrrolidine propionic acid derivatives****Publication number:** DE19603767**Publication date:** 1997-08-07**Inventor:** WAGNER ADALERT DR (DE); BREIPOHL GERHARD DR (DE); HEITSCH HOLGER DR (DE); GERHARDS HERMANN DR (DE); NOELKEN GERHARD DR (DE); WIRTH KLAUS DR (DE); SCHOELKENS BERNWARD PROF DR (DE)**Applicant:** HOECHST AG (DE)**Classification:**

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**Application number:** DE19961003767 19960202**Priority number(s):** DE19961003767 19960202

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**Abstract of DE19603767**

Pyrrolidine derivatives of formula (I), and their salts are new: R<sub>1</sub> = OH, 1-10C alkoxy, 3-10C alkenyloxy, 1-3C alkyl-(6-10C)aryloxy or NR<sub>6</sub>R<sub>7</sub>; R<sub>2</sub> = 1-10C alkyl, 2-10C alkenyl, 3-10C alkynyl or (CH<sub>2</sub>)<sub>m</sub>-B-(CH<sub>2</sub>)<sub>n</sub>R<sub>5</sub> (all optionally substituted by a COR<sub>1</sub> group, or optionally substituted by one or more halo); (6-10C)aryl-(1-3C)alkyl or (6-10C)-aryl (both optionally ring substituted by 1-2 halo, 1-4C alkoxy, NO<sub>2</sub> or CN); or 3-8C cycloalkyl, (4-10C) cycloalkyl-(1-4C)alkyl, (5-10C)cycloalkyl-(2-4C)alkenyl or (5-10C)cycloalkyl-(2-4C)alkynyl; R<sub>3</sub> = H, 1-8C alkyl, 3-8C cycloalkyl, (6-10C)aryl-(1-3C)alkyl, 2-6C alkenyl or 3-6C alkynyl; or R<sub>2</sub> + R<sub>3</sub> = 2-4C alkylene, optionally substituted by halo; R<sub>4</sub> = H, 1-6C alkyl, (6-10C)aryl-(1-3C)alkyl, 3-10C alkenyl, COO-(1-6C)alkyl, COO-(1-6C)alkyl-(6-10C)aryl or C(=NH)NH<sub>2</sub>; R<sub>5</sub> = H, or a group of formula (i); R<sub>6</sub>, R<sub>7</sub> = H, 1-10C alkyl, (6-10C)aryl-(1-3C)alkyl, 1-10C alkylamino or 1-10C alkylguanidino; R<sub>8</sub> = 6-10C aryl or (6-10C)aryl-(1-3C)alkyl (both optionally substituted by one or more COR<sub>1</sub>, halo, NO<sub>2</sub>, CN, 1-4C alkoxy or amino); or 1-6C alkyl, 3-8C cycloalkyl or (2-6C)alkenyl; R<sub>9</sub> = NH (CH<sub>2</sub>)<sub>o</sub>NHR<sub>4</sub>, O(CH<sub>2</sub>)<sub>o</sub>NH<sub>2</sub> or O(CH<sub>2</sub>)<sub>o</sub>NH-C(=NH)NH<sub>2</sub>; A = a single or double bond; B = O, NR<sub>3</sub> or S; Y = a direct bond, or an amino acid; m = 1-5; n = 1-5; o = 1-10.

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